
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Mon Nov 05 12:56:12 EST 2007

Validated By CRFValidator v 1.0.3

Application No: 10583282 Version No: 1.0

Input Set:

Output Set:

Started: 2007-10-22 16:31:16.523 **Finished:** 2007-10-22 16:31:18.469

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 946 ms

Total Warnings: 38
Total Errors: 0

No. of SeqIDs Defined: 38

Actual SeqID Count: 38

Error code		Error Description									
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)

Input Set:

Output Set:

Started: 2007-10-22 16:31:16.523

Finished: 2007-10-22 16:31:18.469

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 946 ms

Total Warnings: 38

Total Errors: 0

No. of SeqIDs Defined: 38

Actual SeqID Count: 38

Error code Error Description

This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

```
<110> REBOUD-RAVAUX, MICHELE
      BERNARD, ELISE
      PAPAPOSTOLOU, DAVID
      VANDERESSE, REGIS
<120> Novel Proteasome Modulators
<130> 045636-5084-US
<140> 10583282
<141> 2007-10-22
<150> PCT/FR2004/003283
<151> 2004-12-17
<150> FR 0314958
<151> 2003-12-18
<160> 38
<170> PatentIn version 3.4
<210> 1
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 1
Xaa Val Thr Tyr Asp Tyr
<210> 2
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
```

<222> (1)..(1)

```
<223> Xaa = Chemically modified Thr
<400> 2
Xaa Ile Ser Tyr Asp Tyr
<210> 3
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 3
Xaa Val Ser Tyr Lys Phe
              5
<210> 4
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 4
Xaa Ile Thr Phe Asp Tyr
<210> 5
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
```

```
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 5
Xaa Ile Thr Tyr Lys Phe
<210> 6
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 6
Xaa Ile Thr Tyr Glu Tyr
<210> 7
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 7
Xaa Ile Thr Tyr Asp Phe
<210> 8
<211> 6
<212> PRT
<213> Artificial
<220>
```

```
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 8
Xaa Val Thr Tyr Lys Leu
              5
<210> 9
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 9
Xaa Val Thr Tyr Lys Tyr
<210> 10
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 10
Xaa Val Thr Phe Lys Phe
<210> 11
<211> 6
<212> PRT
```

<223> Synthetic molecule

```
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 11
Xaa Ile Thr Tyr Asp Leu
<210> 12
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 12
Xaa Ile Thr Phe Asp Tyr
<210> 13
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 13
Xaa Val Thr Phe Lys Phe
```

```
<210> 14
<211> 7
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<400> 14
Xaa Val Thr Phe Tyr Lys Phe
          5
<210> 15
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 15
Xaa Val Thr Xaa Lys Phe
           5
<210> 16
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
```

```
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 16
Xaa Val Thr Xaa Lys Tyr
<210> 17
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 17
Xaa Val Thr Xaa Lys Leu
              5
<210> 18
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
```

```
Xaa Val Thr Xaa Asp Phe
<210> 19
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 19
Xaa Val Thr Xaa Asp Tyr
<210> 20
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 20
Xaa Val Thr Xaa Asp Leu
```

<400> 18

```
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 21
Xaa Ile Thr Xaa Lys Phe
<210> 22
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 22
Xaa Ile Thr Xaa Lys Tyr
<210> 23
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
```

```
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 23
Xaa Ile Thr Xaa Lys Leu
<210> 24
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 24
Xaa Ile Thr Xaa Asp Phe
<210> 25
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
```

```
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 25
Xaa Ile Thr Xaa Asp Tyr
<210> 26
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 26
Xaa Ile Thr Xaa Asp Leu
<210> 27
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 27
```

Xaa Val Thr Xaa Glu Phe

1 5

```
<210> 28
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 28
Xaa Val Thr Xaa Glu Tyr
              5
<210> 29
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 29
Xaa Val Thr Xaa Glu Leu
<210> 30
<211> 6
<212> PRT
```

<213> Artificial

```
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 30
Xaa Ile Thr Xaa Glu Phe
<210> 31
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 31
Xaa Ile Thr Xaa Glu Tyr
              5
<210> 32
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
```

```
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 32
Xaa Ile Thr Xaa Glu Leu
<210> 33
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 33
Xaa Val Thr Xaa Asn Phe
<210> 34
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
```

```
Xaa Val Thr Xaa Asn Tyr
<210> 35
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 35
Xaa Val Thr Xaa Asn Leu
<210> 36
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 36
Xaa Ile Thr Xaa Asn Phe
```

<400> 34

```
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 37
Xaa Ile Thr Xaa Asn Tyr
<210> 38
<211> 6
<212> PRT
<213> Artificial
<220>
<223> Synthetic molecule
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = Chemically modified Thr
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Para-benzoyl Phe
<400> 38
Xaa Ile Thr Xaa Asn Leu
```

<210> 37